

*Lane*

## PALEONTOLOGY SPECIMEN CABINETS



- \* All steel construction
- \* Powder paint finish
- \* Durable neoprene door seal
- \* No adhesives
- \* Reinforced for easy stacking
- \* Sturdy steel trays

LANE SCIENCE EQUIPMENT CORP.

225 West 34th Street  
Suite 1412  
New York, NY 10122-1496

Tel: 212-563-0663  
Fax: 212-465-9440  
[www.lanescience.com](http://www.lanescience.com)

*Grand Patrons*

RICHARD K. BAMBACH  
ARTHUR J. BOUCOT  
RODNEY M. FELDMAN and  
CARRIE SCHWEITZER  
A. R. (Pete) PALMER  
J. WILLIAM SCHOPF  
RAMAN SINGH  
STEVEN M. STANLEY

*Patrons*

EDWARD J. ANDREW, Jr.  
WILLIAM I. AUSICH  
BRUCE M. BELL  
STIG M. BERGSTROM  
DAVID J. BOTTJER  
DONALD W. BOYD  
DEREK E. G. BRIGGS  
JAMES C. BROWER  
JOHN L. CARTER  
PETER R. CRANE  
THE CUSHMAN FOUNDATION  
J. ROBERT DODD  
MARY L. DROSER  
LUCY E. EDWARDS  
ROBERT J. ELIAS  
J. MARK ERICKSON  
DOUGLAS H. ERWIN  
HOWARD R. FELDMAN  
ROBERT M. FINKS  
KARL W. FLESSA  
TERRANCE J. FREST  
ROBERT A. GASTALDO  
PHILIP D. GINGERICH  
BRIAN F. GLENISTER  
F. D. (Bud) HOLLAND, Jr.  
J. STEWART HOLLINGSWORTH  
NIGEL C. HUGHES  
THOMAS W. KAMMER  
ERLE G. KAUFFMAN  
PATRICIA H. KELLEY  
SUSAN M. KIDWELL

ANDREW H. KNOLL  
CHARLES LANE  
MARY LANE  
ALLAN R. LARSON  
CECILIA LENK and PAUL K. STROTHER  
JERE H. LIPPS  
ALAN R. LORD  
CHRIS MAPLES and SARA MARCUS  
JANET WOOD McGREGOR  
CHERYL L. METZ  
MOLLY F. and CALVIN MILLER  
OSBORNE B. NYE, Jr.  
RONALD L. PARSLEY  
MARK E. PATZKOWSKY  
JOHN POJETA, Jr.  
MARY LOU POJETA  
JOHN K. POPE  
ANNE RAYMOND  
MARGARET N. REES  
FRANK H. T. RHODES  
RICHARD A. ROBISON  
JUNE R. P. and CHARLES A. ROSS  
CHRISTOPHER A. SHAW  
FREDERICK C. SHAW  
LAWRENCE M. SMALL  
GEORGE D. STANLEY, Jr.  
ROBERT J. STANTON, Jr.  
CARL W. STOCK  
ROGER D. K. THOMAS  
BRUCE H. TIFFNEY  
SALLY E. WALKER  
RON F. WASZCZAK  
JOHNNY A. WATERS  
GARY D. WEBSTER  
MARK A. WILSON  
SCOTT L. WING  
ABBY YOCHELSON  
CHARLES YOCHELSON  
JEFFERY B. YOCHELSON  
LOUIS G. ZACHOS

The *Journal of Paleontology* publishes manuscripts on all aspects of paleontology, including systematics, phylogeny, paleoecology, paleobiogeography, biostratigraphy, taphonomy, and evolution. It emphasizes specimen-based research and features illustrations of the highest quality possible. Manuscripts treating all fossil organism groups are welcome, including invertebrates, vertebrates, plants, algae, and microorganisms of all sorts, as well as ichnofossils (trace fossils).

The *Journal of Paleontology* accepts only online manuscript submissions through the website:

<http://journalofpaleontology.allentrack.net/>

Author guidelines can be downloaded at:

<http://www.journalofpaleontology.org/instructions.htm>

For questions regarding online submissions, please contact the editorial offices at:

[jpaleo@si.edu](mailto:jpaleo@si.edu)

The Paleontological Society thanks the University of Saskatchewan for its generous contributions to this journal.

# JOURNAL OF PALEONTOLOGY

VOLUME 88 ■ NUMBER 5 ■ SEPTEMBER 2014 ■ ISSN 0022-3360

- 829 Sergio Rodríguez and David C. Kopaska-Merkel**  
Mississippian rugose corals from Alabama: a review
- 851 Amalia Herrera-Cubilla and Jeremy B. C. Jackson**  
Phylogeny of genus *Cupuladria* (Bryozoa, Cheilostomata) in the Neogene of tropical America
- 895 John-Paul Zonneveld and Murray K. Gingras**  
*Sedilichnus*, *Oichnus*, *Fossichnus*, and *Tremichnus*: 'small round holes in shells' revisited
- 906 Brian R. Pratt and Osvaldo L. Bordonaro**  
Early middle Cambrian trilobites from La Laja Formation, Cerro El Molle, Precordillera of western Argentina
- 925 M. Franco Tortello and Susana B. Esteban**  
Early Ordovician trilobites from the Nazareno Area, northwestern Argentina
- 948 Joseph A. Corsini, Madelaine Böhme, and Walter G. Joyce**  
Reappraisal of *Testudo antiqua* (Testudines, Testudinidae) from the Miocene of Hohenhöwen, Germany
- 967 Ellen R. Miller, Gregg F. Gunnell, Mohamed Abdel Gawad, Mohamed Hamdan, Ahmed N. El-Barkooky, Mark T. Clementz, and Safiya M. Hassan**  
Anthracotheres from Wadi Moghra, early Miocene, Egypt
- 982 Lucy M. E. McCobb, W. Douglas Boyce, Ian Knight, and Svend Stouge**  
Early Ordovician (Skullrockian) trilobites of the Antiklinalbugt Formation, northeast Greenland, and their biostratigraphic significance
- 1019 Diego Corrochano and Daniel Vachard**  
Remarks on the cortical structure of late Paleozoic "phylloid algae"
- 1031 Thomas L. Adams**  
Small crocodyliform from the Lower Cretaceous (late Aptian) of central Texas and its systematic relationship to the evolution of Eusuchia
- 1050 Philip M. Novack-Gottshall and Keoki Burton**  
Morphometrics indicate giant Ordovician macluritid gastropods switched life habit during ontogeny
- 1056 Kaylee D. Anderson and Benoit Beauchamp**  
Paleobiology and paleoecology of *Palaeoaplysina* and *Eopalaeoaplysina* new genus in Arctic Canada
- 1072 Sarah M. Jacquet, Glenn A. Brock, and John R. Paterson**  
New data on *Oikozetetes* (Mollusca, Halkieriidae) from the lower Cambrian of South Australia
- 1085 M. Madeleine Ray, Gar W. Rothwell, and Ruth A. Stockey**  
Anatomically preserved Early Cretaceous bennettitalean leaves; *Nilssoniopteris Corrugata* n. sp. from Vancouver Island, Canada

## TAXONOMIC NOTE

- 1094 Howard R. Feldman, Vladan J. Radulović, Adel A. A. Hegab, and Barbara V. Radulović**  
*Sinaithyris*, a new name for the Middle Jurassic terebratulid brachiopod *Cooperithyris* Feldman, Radulović, Hegab, and Radulović, 2012 preoccupied by *Cooperithyris* Tchorszewsky, 1988